



11-28-05

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Atty. Dkt. No. 061300-0361

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pillar et al.

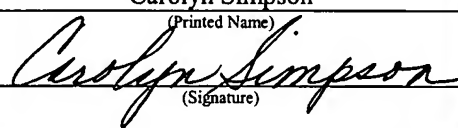
Title: USER INTERFACE AND
METHOD FOR VEHICLE
CONTROL SYSTEM

Appl. No.: 10/683,878

Filing Date: 10/10/2003

Examiner: Broadhead, Brian J.

Art Unit: 3661

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
EV 625658687 US	11/23/05
(Express Mail Label Number)	(Date of Deposit)
Carolyn Simpson	
(Printed Name)	
	
(Signature)	

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

DATES

The documents listed on the SB/08 form that refer to this document for information about the date should be assumed to be prior art under 35 U.S.C. § 102(b). However, Applicants reserve the right to show that any such reference or portion of such reference is not a 102(b) reference should such a reference be relied upon to reject any of the claims.

RELATED APPLICATIONS

The Examiner is hereby advised of the existence of the applications listed in the table below which share at least some common disclosure with the above-identified patent application and/or which may serve as the basis of priority or otherwise relate to one or more of the other patent applications in the table below. For completeness, the above-identified application is included in the list.

Atty. Dkt. No.	Serial No.	Title of Application
061300-0207	09/500,506 – U.S. Pat. No. 6,553,290	Equipment Service Vehicle Having On-Board Diagnostic System
061300-0210	09/364,690, now abandoned	Firefighting Vehicle Having Cooperative Control Network With Distributed I/O Interfacing
061300-0211	09/384,393, now U.S. Pat. No. 6,421,593	Military Vehicle Having Cooperative Control Network With Distributed I/O Interfacing
061300-0216	09/774,981 now U.S. Pat. No. 6,757,597	A/C Bus Assembly for Electronic Traction Vehicle

061300-0225	09/927,946 – Published App No. 2002/0065594	Control System and Method for an Equipment Service Vehicle
061300-0229	10/364,683 – Published App No. 2003/0163228	Turret Targeting System and Method for a Fire Fighting Vehicle
061300-0230	10/325,439 – Published App No. 2003/0158640	Equipment Service Vehicle With Network-Assisted Vehicle Service and Repair
061300-0231	10/364,905 – Published App No. 2003/0163229	Turret Envelope Control System and Method for a Fire Fighting Vehicle
061300-0232	10/364,668 – Published App No. 2003/0171854	Turret Deployment System and Method for a Fire Fighting Vehicle
061300-0233	10/364,906 – Published App No. 2003/0163230	Turret Operator Interface System and Method for a Firefighting Vehicle
061300-0234	10/326,907 – Published App No. 2003/0158635	Firefighting Vehicle With Network-Assisted Scene Management
061300-0235	10/325,496 – Published App No. 2004/0024502	Equipment Service Vehicle With Remote Monitoring
061300-0246	10/137,585 – Published App No. 2003/0205422	Hybrid Vehicle with Combustion Engine/Electric Motor Drive
061300-0247	10/326,862 now U.S. Pat. No. 6,885,920	Control System and Method for Electric Vehicle
061300-0266	10/460,756 – Published App No. 2004/0039510	Control System and Method for an Equipment Service Vehicle
061300-0272	10/314,918 – Published App No. 2003/0130765	Refuse Vehicle Control System and Method
061300-0355	10/402,381 now U.S. Pat. No. 6,882,917	Steering Control System and Method
061300-0361	10/683,878 – Published App No. 2004/0133319	User Interface and Method for Vehicle Control System

061300-0364	10/668,002 – Published App No. 2004/0055802	Refuse Vehicle Control System and Method
061300-0376	10/412,596 – Published App No. 2004/0019414	Vehicle Control System and Method
061300-0414	10/419,649 – Published App No. 2003/0195680	Equipment Service Vehicle Having On-Board Diagnostic System
061300-0417	10/420,187 – Published App No. 2003/0200015	Equipment Service Vehicle Having On-Board Diagnostic System
061300-0427	10/668,623 – Published App No. 2004/0069865	Turret Positioning System and Method for a Fire Fighting Vehicle
061300-0535	10/962,172 – Published App No. 2005/0131600	Control System and Method for a Concrete Vehicle
061300-0617	10/817,556 – Published App No. 2004/0199302	Turret Control System and Method for a Fire Fighting Vehicle
061300-0621	10/718,051 – Published App No. 2004/0133332	A/C Bus Assembly for Electronic Traction Vehicle
061300-0627	10/903,450 – Published App No. 2005/0004733	Concrete Placement Vehicle Control System and Method
061300-0638	10/950,957 – Published App No. 2005/0119806	System and Method for Breaking in an Electric Vehicle
061300-0642	10/950,977 – Published App No. 2005/0114007	Multi-Network Control System for a Vehicle
061300-0643	10/950,978 – Published App No. 2005/0113988	Failure Mode Operation for an Electric Vehicle
061300-0649	10/915,258 – Published App No. 2005/0038934	Status Indicator for an Energy Storage Device for use with an Electric Vehicle
061300-0651	10/972,085 – Published App No. 2005/0113996	Ambulance Control System and Method
061300-0790	11/108,605	Steering Control System and Method

061300-0813	11/113,470	Control System and Method for Electric Vehicle
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ADDITIONAL INFORMATION

Applicants note that due to the commercialization of the subject matter disclosed in U.S. Patent No. 6,421,593 (“the ’593 patent”), the subject matter disclosed in the ’593 patent and, in particular, the subject matter relating to the configuration and features of the control system 12 (col. 4, line 22 to col. 21, line 39; and col. 30, line 35 to col. 31, line 26) should be considered as being provisionally available as prior art under the provisions of 35 U.S.C. §102(b). Thus, the Examiner should consider the information described in the ’593 patent as being available to serve as the basis for a prior art rejection should the Examiner believe that such a rejection is in order. However, because some of the features, characteristics, and configurations described in the ’593 patent may not have been included in the commercial embodiments, Applicants reserve the right to take any action which would be appropriate to traverse any such rejection by antedating or otherwise showing that the portion of the ’593 patent relied on is not properly available as prior art.

Applicants also note, in connection with the ’593 patent, that Applicants implemented an arrangement wherein a laptop computer (corresponding to the personal computer 85) was connected to a central control unit (corresponding to the control unit 14) by way of an RS-232 link. The laptop computer was further connected to a remote computer system by way of a telephone modem link. The laptop computer and the remote computer both executed software commonly known by the trade name “pcAnywhere” (a registered trademark of Symantec). The remote computer system was capable of directly examining inputs and directly controlling outputs by way of the telephone modem link and the pcAnywhere remote control software interface. An Internet connection was not used. This arrangement should be considered as prior art under the provisions of 35 U.S.C. §102(b).

RELEVANCE OF EACH DOCUMENT

An English abstract for EP 1 087 343 states: “The remote car diagnosis system has a car (10) diagnosed by a distant expert system (11). The process has a car diagnostic calculator (14) collecting data from car calculators on a bus. The information is then passed by wireless communication (12) to the expert system using a transmitter/receiver (13) in the car. The expert system then carries out the diagnosis.”

An English abstract for DE 199 29 434 states: “The system uses conventional image acquisition, transmission and image reproduction systems, pref. with a video/audio transmission with a monitor and a return channel. The system has a mobile operation centre contg. a central receiving station for sound and images and a return channel. At least one camera is placed in the hazardous area and connected to a transmitter system that transmits the current events from the hazardous area to the receiver station, pref. by radio. The camera has a receiver enabling control of the camera from the operation centre.”

An English abstract for JP 2000-333160 states: “PROBLEM TO BE SOLVED: To allow a commanding vehicle to grasp a state of a fire immediately before fire fighters conducting fire fighting activities as an image by a simple and inexpensive means and to allow even a direction center of a fire station to grasp the state. SOLUTION: A small-sized video camera 20 mounted on a helmet 18 of a fire fighter 10 photographs a same direction as a sight line of the fire fighter. A spread spectrum SS radio transmitter 22 adopting specified low power radio communication system transmits an image signal of the camera 20 to an SS radio receiver 24 mounted on a commanding vehicle 12, and an image display device 26 displays the image. Moreover, a 1st mobile phone terminal 44 transmits the image signal received by the SS radio receiver 24 to a 2nd mobile phone terminal 46 installed in a directing center 14, and an image display device 50 displays the image.”

An English abstract for EP 0 949 122 states: “The diagnostic unit has a microprocessor (9) for reading out of fault signals in the fault memory of electronic controls (3,4). The diagnostic

unit works with units of the motor vehicle, to produce a fault diagnosis on the display (10). The diagnostic unit is a combination unit having the speed indicator. The microprocessor has facilities for the automatic monitoring of the fault memory.”

An English abstract for DE 41 11 865 states: “An electronic controller (13,14,15,16) contains a device for controlling a specific part of a motor vehicle and a type information output device which generates a signal corresp. to internally stored type information in response to an external signal. The test system (5) contains the controller and a test device which can be removably connected to it to display the type of electronic controller according to the signal output by the controller. The test device feeds an interrogation signal into the controller.

USE/ADVANTAGE - To enable simple generation of controller type information for controlling e.g. vehicle engine, automatic transmission, suspension, servosteering, navigation, electric windows, etc.”

An English translation of the foreign-language documents is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

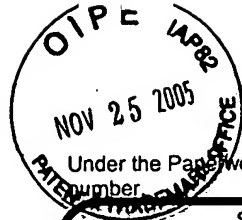
Respectfully submitted,

Date Nov 23, 2005

By Scott C. Nielson

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Telephone: (414) 297-5718
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Scott C. Nielson
Attorney for Applicant
Registration No. 50,755



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 23, 2005

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	10/683,878
Filing Date	10/10/2003
First Named Inventor	DUANE R. PILLAR
Group Art Unit	3661
Examiner Name	Broadhead, Brian J.
Attorney Docket Number	061300-0361

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	2004/0070515		BURKLEY ET AL.	04/15/2004	
	A2	2004/0039504		COFFEE ET AL.	02/26/2004	
	A3	2004/0039502		WILSON ET AL.	02/26/2004	
	A4	2003/0233178		SINEX	12/18/2003	
	A5	2003/0182034		KATAGISHI ET AL.	09/25/2003	
	A6	2003/0163233		SONG ET AL.	08/28/2003	
	A7	2003/0114965		FIECHTER ET AL.	06/19/2003	
	A8	2003/0105566		MILLER	06/05/2003	
	A9	2003/0105565		LODA ET AL.	06/05/2003	
	A10	2003/0081123		RUPE	05/01/2003	
	A11	2003/0046179		ANABTAWI ET AL.	03/06/2003	
	A12	2003/0001736		LEWIS	01/02/2003	
	A13	2002/0133273		LOWREY ET AL.	09/19/2002	
	A14	2002/0123832		GOTVALL ET AL.	09/05/2002	
	A15	2002/0111725		BURGE	08/15/2002	
	A16	2002/0065707		LANCASTER ET AL.	05/30/2002	
	A17	2002/0049523		DIAZ ET AL.	04/25/2002	
	A18	2002/0015354		BUCKELEW	02/07/2002	
	A19	2002/0010643		CHAVES	01/24/2002	
	A20	2001/0044769		CHAVES	11/22/2001	
	A21	2001/0034656		LUCAS ET AL.	10/25/2001	
	A22	2001/0034573		MORGAN ET AL.	10/25/2001	
	A23	6,798,344		FAULKNER ET AL.	09/28/2004	
	A24	6,694,234		LOCKWOOD ET AL.	02/17/2004	
	A25	6,636,790		LIGHTNER ET AL.	10/21/2003	
	A26	6,615,186		KOLLS	09/2/2003	
	A27	6,611,740		LOWREY ET AL.	08/26/2003	
	A28	6,609,108		PULLIAM ET AL.	08/19/2003	
	A29	6,580,953		WIEBE ET AL.	06/17/2003	
	A30	6,553,290		PILLAR	04/22/2003	
	A31	6,549,827		YEN	04/15/2003	
	A32	6,542,077		JOAO	04/01/2003	
	A33	6,501,368		WIEBE ET AL.	12/31/2002	
	A34	6,487,717		BRUNEMANN ET AL.	11/26/2002	
	A35	6,466,258		MOGENIS ET AL.	10/15/2002	
	A36	6,429,773		SCHUYLER	08/06/2002	

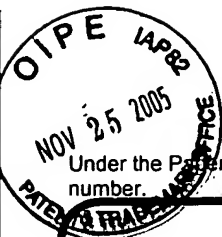
Examiner
SignatureDate
Considered

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 23, 2005

(use as many sheets as necessary)

Sheet 2 of 6

Complete if Known

Application Number	10/683,878
Filing Date	10/10/2003
First Named Inventor	DUANE R. PILLAR
Group Art Unit	3661
Examiner Name	Broadhead, Brian J.
Attorney Docket Number	061300-0361

U.S. PATENT DOCUMENTS

U.S. Patent Document			
A37	6,421,593	KEMPEN ET AL.	07/16/2002
A38	6,370,454	MOORE	04/09/2002
A39	6,281,790	KIMMEL ET AL.	08/28/2001
A40	6,263,268	NATHANSON	07/17/2001
A41	6,256,580	MEIS ET AL.	07/03/2001
A42	6,246,320	MONROE	06/12/2001
A43	6,244,758	SOLYMAR ET AL.	06/12/2001
A44	6,243,628	BLILEY ET AL.	06/05/2001
A45	6,240,365	BUNN	05/29/2001
A46	6,232,874	MURPHY	05/15/2001
A47	6,219,626	STEINMETZ ET AL.	04/17/2001
A48	6,208,948	KLINGLER ET AL.	03/27/2001
A49	6,181,994	COLSON ET AL.	01/30/2001
A50	6,157,889	BAKER	12/05/2000
A51	6,154,658	CACI	11/28/2000
A52	6,141,608	ROTHER	10/31/2000
A53	6,125,356	BROCKMAN ET AL.	09/26/2000
A54	6,112,152	TUTTLE	08/29/2000
A55	6,088,650	SCHIPPER ET AL.	07/11/2000
A56	6,041,310	GREEN ET AL.	03/21/2000
A57	6,038,500	WEISS	03/14/2000
A58	6,012,004	SUGANO ET AL.	01/04/2000
A59	5,995,898	TUTTLE	11/30/1999
A60	5,957,985	WONG ET AL.	09/28/1999
A61	5,950,144	HALL ET AL.	09/07/1999
A62	5,945,919	TRASK	08/31/1999
A63	5,928,291	JENKINS ET AL.	07/27/1999
A64	5,922,040	PRABHAKARAN	07/13/1999
A65	5,918,180	DIMINO	06/29/1999
A66	5,913,210	CALL	06/15/1999
A67	5,895,454	HARRINGTON	04/20/1999
A68	5,838,251	BRINKMEYER ET AL.	11/17/1998
A69	5,819,201	DEGRAAF	10/06/1998
A70	5,815,126	FAN ET AL.	09/29/1998
A71	5,812,959	FROEBERG ET AL.	09/22/1998
A72	5,636,122	SHAH ET AL.	06/03/1997
A73	5,619,412	HAPKA	04/08/1997
A74	5,592,375	SALMON ET AL.	01/07/1997
A75	5,508,689	RADO ET AL.	04/16/1996

Examiner
SignatureDate
Considered

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				Group Art Unit	3661
				Examiner Name	Broadhead, Brian J.
				Attorney Docket Number	061300-0361
Sheet	3	of	6		

U.S. PATENT DOCUMENTS

U.S. Patent Document					
	A76	5,493,490		JOHNSON	02/20/1996
	A77	5,445,347		NG	08/29/1995
	A78	5,124,915		KRENZEL	06/23/1992
	A79	4,809,177		WINDLE ET AL.	02/28/1989
	A80	4,760,275		SATO ET AL.	07/26/1988

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A81	WO	03/059455	A3	PILLAR ET AL.	07/24/2003		
	A82	WO	03/059455	A2	PILLAR ET AL.	07/24/2003		
	A83	WO	03/060831	A2	SQUIRES ET AL.	07/24/2003		
	A84	WO	03/061235	A3	PILLAR ET AL..	07/24/2003		
	A85	WO	03/061235	A2	PILLAR ET AL..	07/24/2003		
	A86	EP	1 115 264	A2	KUNG ET AL.	07/11/2001		
	A87	EP	1 087 343	A1	LEGAY ET AL.	03/28/2001		
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	A92	EP	0 564 943	B1	HIRANO ET AL.	10/13/1993		
	A93	GB	2 263 376	A	DAVIES	07/21/1993		
	A94	DE	41 11 865	A1	MUSA	10/17/1991		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A95	Products, "MobileNet Products," printed on Aug. 8, 2001, copyright marked 2000 (2 pgs.).	
	A96	DriverTech - Features, DriverTech, Inc., printed on July 29, 2003 (1 pg.).	
	A97	"WirelessRoad System Description," Vetronix Corporation, printed on July 30, 2003 (5 pgs.).	
	A98	Telematics Diagram, Vetronix Corporation, printed on July 30, 2003 (1 pg.).	

Examiner Signature	Date Considered
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		Group Art Unit	3661
		Examiner Name	Broadhead, Brian J.
Sheet	4	of	6
		Attorney Docket Number	061300-0361

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A99	Skibinski, J. et al., "Internet-based Vehicle Communication Network," SAE Technical Paper Series, December 4-6, 2000 (8 pgs.).	
	A100	Products - CMS Products, "CMS Products," Cadec Corporation, printed on Aug. 8, 2001, copyright marked 2001 (6 pgs.).	
	A101	TrakPak2000, "The TrakPak 2000 - A Self-Contained Mobile Tracking Unit," printed on Aug. 8, 2001, copyright marked 2000 (2 pgs.).	
	A102	Trimble Information Services, "Trimble Information Services Power the Transformation of Location Data...into Location Information," printed on Aug. 8, 2001 (4 pgs.).	
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		Filing Date	10/10/2003
		First Named Inventor	DUANE R. PILLAR
		Group Art Unit	3661
		Examiner Name	Broadhead, Brian J.
Sheet	5	of	6
		Attorney Docket Number	061300-0361

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	A125	I.D. Systems Products Gallery, "The I.D. Systems Product Gallery," I.D. Systems, Inc., printed on Aug. 8, 2001 (3 pgs.).	
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	A141	RM CANview Bluetooth/TCP/IP, RM Michaelides Software & Electronic Corp., Nov. 19, 2002 (2 pgs.).	
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